

SCIENCE ADVISORY BOARD
ADVISORY COMMITTEE ACTIVITY SUMMARIES
December 1999 - February 2000

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Prepared for the
March 7-8, 2000 Executive Committee Meeting
by the Committee Operations Staff
of the Science Advisory Board

OVERVIEW: This document was prepared by the Committee Operations Staff (COS) to summarize recent activities of the Standing and various *ad hoc* Committees of the Board. These summaries are designed to supplement discussions at the March 7-8, 2000 meeting of the Board's Executive Committee. This document includes committee summaries that cover the period since the last face-to-face Executive Committee meeting (November 29-30, 1999), a listing of COS Staff, a list of all SAB reports (full and letter size) issued since the beginning of the current fiscal year (October 1, 1999), and a listing of reports that are presently in progress. Final SAB reports mentioned below can be found on the SAB website (www.epa.gov/sab).

1. ADVISORY COMMITTEE SUMMARIES

1.1 Clean Air Scientific Advisory Committee (CASAC)

The Clean Air Scientific Advisory Committee (CASAC) has a statutorily mandated responsibility (under the 1977 and 1990 Clean Air Act Amendments) to review and offer scientific and technical advice to the Administrator on the air quality criteria and regulatory documents which form the basis for the national ambient air quality standards (NAAQS). NAAQS have been established for lead, particulate matter (PM), ozone and other photochemical oxidants (O₃), carbon monoxide (CO), nitrogen oxides (NO_x) and sulfur oxides (SO_x). The CASAC process normally includes review of the Office of Research and Development's (ORD) Air Quality Criteria Document (CD) for a given NAAQS, followed by a review of the Office of Air and Radiation's (OAR) Staff Paper (SP) for that NAAQS. The Criteria Document contains all the relevant scientific and technical information on the pollutant, while the Staff Paper is the bridge between the science in the criteria document and the policy decision that has to be made by the EPA Administrator. Sometimes the Committee reviews the regulatory proposal for a NAAQS prior to its promulgation. The Committee also offers research recommendations on a periodic basis, normally following its review of a particular NAAQS. The Committee is currently involved in the review cycles for PM and CO.

a) Recent and Planned Activities

1) Particulate Matter (PM) NAAQS - a) Criteria Document/Staff Paper - The CASAC met on this issue on May 5, 1998, when it reviewed the PM Development Plan prepared by ORD's National Center for Environmental Assessment (NCEA), RTP, NC. On December 2, 1999, the Agency brought the first external review draft of the PM Criteria Document to the Committee for review. This draft is still preliminary and the Committee was asked to provide comment on the structure and content in particular, and on the scientific content in general. A more detailed look at the scientific content will take place at the next meeting which is planned for the fall. The CASAC report on the December 2nd review was released to the Administrator on February 15th (EPA-SAB-CASAC-LTR-00-003). b) PM Research Strategy - The Committee last met on June 10, 1999 and issued a report. A meeting to review the revised document is planned, but not yet scheduled for early summer. This review will probably be held in conjunction with the Diesel review noted below. c) Fine Particles - The CASAC Technical Subcommittee for Fine Particle Monitoring is providing advice to the Office of Air and Radiation on PM monitoring activities. The Subcommittee plans to hold several meetings over the next few years to respond to its developing charge and to ensure that appropriate coordination is established with the NRC Committee on particles. The Subcommittee last met via teleconference on July 29, 1999 to receive updates from the Agency. The Subcommittee's next meeting is scheduled for April 18-19 in RTP, NC.

2) Carbon Monoxide (CO) NAAQS - On November 18, 1999, the Committee completed its review (reaching closure) of the CO Criteria Document. The Committee completed its report on January 11th (EPA-SAB-CASAC-LTR-00-002). A meeting on the first draft of the CO Staff Paper is planned for late May, but is not yet scheduled.

3) Diesel Health Assessment - The Committee reviewed this draft ORD document in May 1995 and May 1998. In both cases, the Committee noted that the document was not scientifically adequate for making regulatory decisions concerning the use of diesel powered engines. On June 10, 1999, the Committee held a Consultation with the Agency concerning the planned approaches for revising the draft Diesel Health Assessment. The most recent review was conducted by CASAC December 1, 1999. Once again, the Committee was unable to reach closure on the draft report, although noting that the Agency has vastly improved its previous draft. The Committee's report to the Administrator was released on February 4th (EPA-SAB-CASAC-00-004). Another meeting is planned for summer, but is not yet scheduled.

4) Ozone NAAQS - The Committee plans to review the Ozone Research Strategy and Ozone Research Needs documents at a meeting that is planned for May/June, in conjunction with the CO Staff Paper review noted above.

b) Reports and Meetings

1) Reports Issued:

- a) Consultation on the Development of the PM Staff Paper;
- b) CO Criteria Document closure letter;
- c) Review of the draft PM Criteria Document; and
- d) Review of the draft Diesel Health Assessment.

2) Meetings Held:

- a) Dec. 1 -- CASAC Diesel Review Panel on Diesel Health Assessment; and
- b) Dec. 2 -- CASAC PM Review Panel on PM Criteria Document.

3) Meetings Planned:

- a) April 18-19 -- CASAC Technical Subcommittee for Fine Particle Monitoring;
- b) May TBA -- CASAC Ozone Review Panel on Ozone Research Strategy and Research Needs, and CASAC Carbon Monoxide Review Panel on the CO Staff Paper;
- c) Summer TBA -- CASAC Diesel Review Panel on the draft Diesel Health Assessment, and the PM Review Panel on the PM Research Strategy; and
- d) Fall TBA -- CASAC PM Review Panel on PM Criteria Document and Staff Paper.

c) Membership

There are two anticipated vacancies to the seven-member statutory panel in September 2000 (the Chair and one other Member). In addition, one other Member is due for renewal..

1.2 Advisory Council on Clean Air Compliance Analysis (Council)

a) Background

The Council has its origin in the requirements of Section 812 of the Clean Air Act Amendments of 1990. That section mandated that a Council be established to provide independent advice on technical and economic aspects of analyses and reports that the Agency prepares concerning the impacts of the Clean Air Act on the public health, economy, and the environment of the United States.

The Agency submitted the first prospective analysis to Congress in November 1999. The analysis projected the costs and benefits of implementation of the Clean Air Act Amendments (CAAA) over the period 1990-2010. The Council and its subcommittees provided the Administrator with a series of letters offering advice to strengthen the prospective analysis.

The Council has two standing subcommittees, the Health and Ecological Effects Subcommittee (HEES) and the Air Quality Modeling Subcommittee (AQMS).

The Agency has not determined the schedule for initiating and completing the next version of the prospective study and has recently decided not to request specific advice from the Council in FY2000.

b) Activities since the last EC Meeting

No activity.

c) Future Activities

The Council and its subcommittees expect to advise EPA in the design and development of the next iteration of the Section 812 prospective study.

d) An Update on Membership for FY2000

There are two anticipated vacancies to the eleven member statutory panel in September 2000 (the Chair and one member). In addition, seven Members are due for renewal or replacement.

1.3 Drinking Water Committee (DWC)

The Science Advisory Board is mandated by the 1996 Safe Drinking Water Act (SDWA) Amendments to comment on drinking water regulations prior to promulgation. The Drinking Water Committee (DWC) carries out this mandate for the Board by reviewing various scientific and technical documents associated with the Office of Water's SDWA regulatory activities. The DWC also reviews various drinking water research plans and products for EPA's Office of Research and Development and observes EPA Stage 2 drinking water regulation stakeholder meetings to both learn more of this EPA approach to achieving its mission and to help the program office identify scientific and technical issues that might benefit from SAB interaction.

a) Recent Activities

1) The Drinking Water Committee last met as a whole committee in February of 1999. Since then specific members have participated in other SAB reviews under Subcommittees established by the Executive Committee. Examples include reviews of : EPA's cancer guidelines (children), chloroform's mode of action, and drinking water intake.

2) DWC and Stakeholder Process for Stage 2 Drinking Water Regulations - At the October, 1998 SAB meeting, the Executive Committee endorsed the DWC's plan to conduct an experiment to learn more about one of EPA's evolving approaches to achieve its environmental protection mission (broader interaction between EPA and stakeholders). In this activity, DWC representatives observe each Stakeholder meeting in order to become informed of the scientific processes and issues that are a part of the interactions. This benefits the DWC by allowing it to keep up with new EPA regulatory approaches. Since the last SAB Executive Committee meeting, the Stakeholder Committee has met monthly to discuss the status of EPA's management of data obtained from the first twelve (12) months of the Information Collection Rule; the state-of-the-science on carcinogenic, reproductive, and developmental effects associated with Disinfection Byproducts (both toxicology based and epidemiology based results); microbial monitoring, occurrence, and disease; and control technology issues. The focus of the deliberations has shifted from providing all panelists with an understanding of the science issues that exist in this rule making activity to one of considering how the available science translates into recommendations for the agency decision makers. Currently, each stakeholder sub-community is in the process of developing options for consideration by the overall Plenary. SAB representatives will continue to observe the proceedings.

b) Future Activities

The Drinking Water Committee will meet on March 13-14, 2000 to review the EPA draft proposal for groundwater regulation and to be briefed on a number of issues that will be the subject of meetings later in FY 2000. These topics will include the Office of Research and Development research strategy for supporting the Candidate Chemical Listing process, and regulatory proposals for the Long Term 1 Enhanced Surface Treatment Rule, arsenic standard, and the non-radon radionuclides Notice of Data Availability.

c) Status of Reports in Progress No reports are in process.

d) An Update on Membership for FY2000

There are four anticipated vacancies for the Committee as of September 30, 2000. This includes the Chair and three members who specialize in drinking water engineering issues. In addition, three Members are due for renewal or replacement.

1.4 Ecological Processes and Effects Committee (EPEC)

a) Recent Activities

The Ecological Processes and Effects Committee did not meet during this period. Executive Committee comments on the EPEC reports on the Biotic Ligand Model (BLM) for acute toxicity of metals to aquatic organisms, and the Equilibrium Sediment Guidelines (ESG) for a mixture of metals have been addressed and the reports have been sent to the Administrator.

b) Future Activities

The Committee's focus in the next several months will be: a) a strategic project to outline an ecological report card framework, and b) review of the Risk Assessment Forum's guidance on determining ecological risk management objectives (i.e., defining a process for selecting ecological entities and attributes to protect).

c) Membership Issues

Five of the twelve members of EPEC have terms ending in September 2000. In accordance with SAB policy on membership terms of service, at least one vacancy is expected to replace a member who has served a total of six years.

1.5 Environmental Health Committee (EHC)

The EHC had no activities as a committee during this period. The Chair and Members did support a number of EC Subcommittees (see section 11).

The terms of six EHC Members end in September, 2000. We expect to renew the terms of five Members; the sixth has reached the six-year service limit and will be replaced.

1.6 Environmental Economics Advisory Committee (EEAC)

The Science Advisory Board's Environmental Economics Advisory Committee is responsible for reviewing and providing advice on a number of economic analysis initiatives at the EPA. Included are efforts to help the Agency develop high quality economic research plans and efforts to help the Agency develop improved environmental economic analysis procedures and guidelines.

a) Activities Since the Last EC Meeting

The Environmental Economics Advisory Committee met on February 25, 2000 to review an EPA White Paper entitled, *Valuing Fatal Cancer Risk Reductions*. This paper, along with two case studies, explores whether, and if so, how one might adjust the Value of Statistical Life to reflect a number of factors, including: latency between exposure and tumor development, dread, voluntariness/ controllability of the risk, public vs. private nature of the risk, income, risk aversion, life expectancy, and health status.

b) Future Activities

The next meeting of the EEAC has not been scheduled.

c) Status of Reports in Progress

The report on the Committee's review of the EPA White Paper on *Valuing Fatal Cancer Risk Reductions*, is now being drafted. The Committee intends that its report will be completed during April and sent to the Executive Committee for approval at that time.

d) An Update on Membership for FY2000

There are three anticipated vacancies for the Committee as of September 30, 2000. In addition, four Members are due for renewal or replacement.

1.7 Environmental Engineering Committee (EEC)

a) Activities since the last EC Meeting - The Environmental Engineering Committee's Natural Attenuation Subcommittee met January 23 and February 24 by conference call. After discussing the charge, the Subcommittee decided to postpone its meeting until May to allow the Subcommittee to have access to an NRC report whose release is imminent.

The Committee has no reports before the Executive Committee for review at this meeting.

b) Future Activities:

- 1) The EEC's Technology Evaluation Subcommittee meets March 6-8 to review the Environmental Technology Verification Program (Project # 00-46)
- 2) After the review, Subcommittee and EEC members will add case studies to the Measures of Technology Performance Commentary (00-64) as recommended by the EC.
- 3) The EEC meets March 9-10 by which time it will have revised its commentary on Waste Utilization (00-65)
- 4) The EEC's agenda includes a discussion with Dr. Kasperson of EEC activities with a social science component, such as the draft commentary on the use of social sciences to reduce barriers to sustainability. (00-66)

Work on has been postponed on:

- 1) Natural Attenuation (00-15)
- 2) Sediments (00-45)

1.8 Integrated Human Exposure Committee (IHEC)

The IHEC had no activities as a committee during this period.

The terms of nine IHEC Members end in September, 2000. We expect to renew the terms of six of these Members; three Members have reached the six-year service limit and will be replaced.

1.9 Radiation Advisory Committee (RAC)

a) Recent Activities

The RAC: (1) conducted a technical editing review (non-FACA) meeting on December 10, 1999 to prepare their *Draft Report on Assessing Risks from Indoor Radon* (EPA-SAB-RAC-00-0XX), in review of indoor radon in homes (SAB Project No. 00-19), (2) prepared the first public *Draft Report on Assessing Risks from Indoor Radon* (EPA-SAB-RAC-00-0XX), dated January 31, 2000, and (3) prepared a closure draft on the same report for review by the SAB Executive Committee at their March 7 & 8, 2000 public meeting.

b) Future Activities of the Committee and its Ad Hoc Subcommittees

As planned, the RAC will hold three meetings for FY 2000 (the first meeting was already held as scheduled on November, 16-18 1999). The RAC plans to meet in the Spring [April 25-27, 2000] and the Summer [August 1-3, 2000]. Anticipated topics for the Spring 2000 meeting to be reviewed by the RAC include an Office of Radiation and Indoor Air (ORIA) *Advisory on Technologically-Enhanced Naturally-Occurring Radioactive Material* (TENORM) (SAB Project No. 00-21), an *Advisory on GENII, Version 2* (SAB Project No. 00-20), a Consultation on Sewage Sludge, a Briefing on MARLAP (SAB Project No. 00-22) and review and re-cap of the Agency's response to the Low Activity Mixed Waste (LAMW) Advisory. The courtesy briefing from ORIA on the draft Multi-Agency Radiation Laboratory Analytical Protocols (MARLAP) deals with an Inter-Agency document which is being developed, which is planned to be reviewed by a Subcommittee of the RAC in FY 2001.

Anticipated topics for the RAC's Summer meeting currently scheduled for August 1-3, 2000 include an Advisory on the Approach for Protocol for Dose and Risk of Sewage Sludge Disposal, a review of GENII Version 2, organizing for the MARLAP review and a discussion of the FY 2001 projects. The Fall FY 2001 RAC meeting is tentatively scheduled for November 14 - 16, 2000 (backup date is Dec. 12 - 14, 2000) will likely include the MARLAP review as the major topic.

c) Membership

The current Chair, Dr. Janet Johnson, is serving the first year of her term as Chair of the RAC and is expected to complete her two year term (1999-2001) as requested by the Administrator. New members also recently appointed for two-year terms by the Administrator include Drs. Lynn Anspaugh, Research Professor at the University of Utah, Bruce Boecker, Scientist Emeritus at the Lovelace Respiratory Research Institute, and Gilles Bussod, Geochemist at the Los Alamos National Laboratory. It is expected that two positions will be open for appointments for the coming fiscal year.

1.10 Research Strategies Advisory Committee (RSAC)

The broad RSAC objective is to advise the Agency on its process for developing research priorities and planning to support those priorities in terms of expertise, infrastructure, and budget.

a) Recent Activities

1) On January 12-13, a subset of the Research Strategies Advisory Committee (RSAC) of the SAB combined forces with some members of ORD's Board of Scientific Counselors (BOSC) to conduct an initial review of the Agency's Science to Achieve Results (STAR) external research grants program. Co-Chairs Drs. Marilyn Brown (BOSC) and W. Randall Seeker (RSAC) led the group in critically examining the process that has been put in place to support the program. Later activities by the individual SAB Committees will complement this work by examining the impact of the STAR program in specific areas within the Agency.

2) On February 16, the RSAC conducted a teleconference meeting to plan Phase 2 of the Peer Review of EPA's Peer Review Process. There was agreement that the focus should be on the science products and not the policy products. Priorities for selecting products to review and for conducting the review were discussed.

3) On February 23 and 24, RSAC met to conduct the annual S&T budget review. The draft report of that meeting has been prepared and is under review by the RSAC.

b) Meetings Planned

Dr. Seeker is scheduled to testify before the House Committee on Science, Subcommittee on Energy and the Environment on March 23.

1.11 *ad hoc* Subcommittees of the Executive Committee (EC)

1.11.1 Scientific and Technological Achievement Awards (STAA) Subcommittee

The next meeting is planned for June to review the FY1999 nominations. The panel is chaired by Dr. Herb Ward of Rice University.

1.11.2 Environmental Models Subcommittee

The Environmental Models Subcommittee (EMS) of the Executive Committee was established in the Spring of 1998 to work with the Agency's Committee on Regulatory Modeling or CREM and to help the Agency develop more effective environmental regulatory models.

Since the Executive Committee (EC) met in a November 29 & 30, 1999 face-to-face meeting, the EMS : (1) conducted a public meeting on December 13 & 14 in further review of the Total Risk Integrated Methodology (TRIM) multi-media modeling system developed by EPA's Office of Air Quality Planning and Standards (OAQPS); (2) Prepared a public draft report dated February 10, 2000 and is preparing a revised draft as a result of a closure review by the EMS by close-of-business on February 21, 2000; and (3) a revised public draft is scheduled to be prepared the week of February 22 to distribute to the SAB's Executive Committee (EC), the Agency and the interested public.

The EMS plans to meet on May 16-18, 2000 (backup date is May 23-25, 2000). The major review topics planned for this meeting are the CREM review and an overview on MINTEQ.

1.11.3 Integrated Risk Project (IRP)

The draft IRP report (*Integrated Environmental Decision-making in the 21st Century*, Volumes 1 and 2) was peer reviewed by the IRP Peer Review Subcommittee on July 1-2, 1999, with a report issued by the Subcommittee on Sept. 17th. The IRP Steering Committee is revising the IRP report in light of the peer review report, after which it will be resubmitted to the Peer Review Subcommittee for their concurrence.

1.11.4 Data from Testing of Human Subjects Subcommittee (DTHSS)

In December, 1998, a Joint Subcommittee (the Data from Testing of Human Subjects (DTHS) Subcommittee) of the Science Advisory Board and the Scientific Advisory Panel met to consider a variety of issues related to the use of human subjects in research, with a focus on the exposure of such subjects to pesticides. The review was requested by the Office of Pollution Prevention and Toxic Substances to assist them in preparing a draft policy on the use of data taken on human subjects, addressing both ethical and scientific issues. After generating four successive draft reports, they could not reach a consensus. Attempts to reconcile majority and minority positions (particularly with respect to the intentional exposure of humans to pesticides) failed, and a follow-on meeting was held on November 30, 1999. For this meeting, Dr. Ronald Kendall replaced Dr. Gene McConnell as Co-Chair, reflecting the change in leadership of the Scientific Advisory Panel; Dr. Mark Utell continued as the other Co-Chair. Good progress was made at this meeting, and a revised draft report is in preparation. We anticipate that the Subcommittee's report will be finalized by the end of March.

1.11.5 Cancer Risk Assessment Guidelines Review Subcommittee (CRAGRS)

On July 27-28, the Cancer Risk Assessment Guidelines Review Subcommittee (CRAGRS) of the Executive Committee met in Arlington, VA to review the draft revisions to the EPA's Cancer Risk Assessment Guidelines (GL). This meeting was a follow-on to the Board's earlier review of the general

GLS earlier this year (EPA-SAB-EC-99-014). The current revisions were designed to address specifically issues related to risk assessment for children. The review focused on the soundness of the proposed GL's default science policy positions for assessing risk in the absence of agent-specific data.; default approaches for converting a human equivalent dose for adults into a human equivalent dose for children for oral and inhalation exposures; and the adjustment of slope factors to address lifetime and partial lifetime exposure scenarios reflecting data on early-life sensitivity. The Subcommittee also reviewed EPA's draft responses to ten questions on cancer risk assessment for children posed by the Children's Health Protection Advisory Committee. The complexity of the issues addressed, and a wide range of viewpoints on the Subcommittee has prolonged the report drafting process. Draft 3 of the Subcommittee's report is being prepared for review by the membership. A final report should be ready no later than early April.

1.11.6 Chloroform Risk Assessment Review Subcommittee (CRARS)

The Chloroform Risk Assessment Review Subcommittee (CRARS) of the Executive Committee met on October 27-28, 1999, Co-chaired by Drs. Richard Bull and Mark Utell. The Subcommittee's review was designed to determine if changes need to be made to either the draft chloroform risk assessment, or to the proposed Cancer Risk Assessment Guideline's (GLs) section on Mode of Action, before these documents were finalized. The Subcommittee also addressed specifically the draft chloroform risk assessment's conclusions as to chloroform's mode of action; the strength of the analyses supporting the choice of a non-linear approach to dose-response; and the adequacy (given the data available) of the assessment of children's risk from exposure to chloroform in drinking water. At the Agency's request, the Subcommittee provided a brief report on possible revisions to the GLs' Mode of Action section shortly after the meeting (EPA-SAB-EC-LTR-00-001, 12/15/99). A full report addressing all aspects of the Charge is before the Executive Committee for approval at the current meeting.

1.11.7 Workshop on the Benefits of Reducing Hazardous Air Emissions

A planning committee met on January 21, 2000 to design the basic elements of a workshop to be held in June 2000, which will focus improving the hazard component of risk assessments for Hazardous Air Pollutants. The goal will to improve those risk assessments, so that they could be used for future national benefits assessments, such as future Prospective Assessments conducted under Section 812 of the Clean Air Act Amendments of 1990.

The group met to follow-up on the decision made at the July 1999 Executive Committee to conduct a joint SAB/EPA workshop on methods to assess benefits associated with controlling Hazardous Air Pollutants. SAB members and consultants from the Advisory Council on Clean Air Compliance Analysis (Council) and the Clean Air Scientific Advisory Committee participated. The planning committee reviewed a draft statement of scope and purpose prepared by Agency staff and designed an agenda. The planning group expects the June workshop to be followed by a second workshop in December 2000. The December workshop will address issues associated with integrating hazard, exposure and benefits models for the purposes of benefits assessment for hazardous air pollutants.

1.11.8 Residual Risk Lead Smelters Subcommittee

Dr. Philip Hopke, Clarkson University, is chairing an SAB EC Subcommittee examining the implementation of the Agency's "residual risk strategy". The Clean Air Act Amendments of 1990 directs the Agency to mandate Maximum Achievable Control Technology (MACT) on various source categories. The Agency is then required to examine the "residual risk" to determine whether additional controls are necessary to adequately protect human health and the environment.

In 1998, Dr. Hopke chaired any earlier Subcommittee that reviewed the Agency's general strategy, as outlined in a Report to Congress. The effort this year reviews the application of that proposed methodology to the specific case of secondary lead smelters.

The Subcommittee met in public session in Research Triangle Park, North Carolina on March 1-2 and are on schedule to submit a report to the Agency within the next few months.

2. ADVISORY COMMITTEE OPERATIONS

2.1 Committee Operations Staff (with Principal Committee assignments noted)

Team Leader: Bob Flaak (CASAC)

Designated Federal Officers: Stephanie Sanzone (EPEC), Kathleen Conway (EEC), Angela Nugent (Council), Sam Rondberg (IHEC & EHC), Tom Miller (DWC & EEAC), and Melanie Medina-Ortiz (RAC).

Management Assistants: Wanda Fields (EHC, IHEC, & RSAC), Dorothy Clark (DWC & EEAC), Diana Pozun (RAC, Council & CASAC) and Mary Winston (EPEC & EEC).

Other Committee Staff: Jack Fowle (DFO - RSAC) and Don Barnes (DFO - EC); and Priscilla Tillery-Gadson and Betty Fortune (Support for EC).

2.2 Reports Issued this Fiscal Year (in chronological order) (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries; (N) = Notification of a Consultation

October:

- a) Commentary on the Role of Science in New Approaches (EC Subc) (C)
- b) Commentary on Utility of Proactive Technical Advice (EEC) (C)
- c) Clean Air Act Amendments Section 812 Prospective Study of Costs and Benefits: Advisory by the Health and Ecological Effects Subcommittee on Initial Assessments of Health and Ecological Effects, part 2. (COUNCIL) (A)
- d) The Clean Air Amendments (CAAA) Section 812 Prospective Study of Costs and Benefits (1999): Advisory by the Advisory Council on Clean Air Compliance Analysis: Costs and Benefits of the CAAA (COUNCIL) (A)

November:

- a) Notification of a Consultation on the Development of the Carbon Monoxide Staff Paper (CASAC) (N)
- b) Final Advisory by the Advisory Council on Clean Air Compliance Analysis on the 1999 Prospective Study of Costs and Benefits (1999) of Implementation of the Clean Air Act Amendments (CAAA) (COUNCIL) (A)
- c) An SAB Report: Review of the Peer Review Program of the Environmental Protection Agency (RSAC) (R)

December:

- a) Notification of a Consultation on the Topic: Induced Travel: Does Additional Highway Capacity Influence Travel Demand? (EEAC) (N)
- b) Notification of a Consultation on the Study of the Integrated Risk Information System (IRIS) (EC Subc) (N)
- c) Notification of a Consultation on the Development of the Particulate Matter Staff Paper (CASAC) (N)
- d) Science Advisory Board's review of the draft Chloroform Risk Assessment and Related Issues in the Proposed Cancer Risk Assessment Guidelines (EC Subc) (L)
- e) A SAB Report on EPA's Per Capita Water Ingestion in the United States (DWC) (R)

January:

- a) Closure on the Document, Air Quality Criteria for Carbon Monoxide (CASAC) (L)
- b) Commentary on the Agency's Proposed Drinking Water Standard for Radon (EC) (C)

February:

- a) Review of the Diesel Health Assessment Document (CASAC) (R)
- b) Notification of a Consultation on the Eco-Soils Screening Levels (EPEC) (N)
- c) Review of the draft Air Quality Criteria Document for Particulate Matter (CASAC) (L)
- d) Biotic Ligand Model for Metals in Water Column (EPEC) (R)
- e) An SAB Report: Review of an Integrated Approach to Metals Assessment in Surface Waters and Sediments (EPEC) (R)

2.3 Reports in Progress (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries
(N) = Notification of a Consultation

For EC Review on March 7-8:

- a) Review of the STAR Program (RSAC/BOSC) (R)
- b) Review of the draft Chloroform Risk Assessment (EC Subc) (R)
- c) Assessment of Risks from Radon in Homes (RAC) (R)
- d) Environmental Models - TRIM (EC Subc) (A)
- e) Science and Technology Budget Review (RSAC) (R)

For EC Review at a later date:

- a) Use of Human Data (EC Subc) (R)
- b) Waste Re-use (EEC) (C)
- c) Measures of Environmental Technology Performance (EEC) (C)
- d) Eco Soils Screening Levels (EPEC) (A)
- e) Use of Social Sciences to Reduce Barriers to Pollution Prevention (EEC) (C)
- f) IRP Report (IRP Committee) (R)
- g) Childrens Cancer (EC Subc) (R)

Not Subject to EC Review (CASAC/COUNCIL):

None

Under Current Review by the EC

None

Approved by EC and undergoing completion:

None

2.4 Staff Contact Information

For further information concerning any committee, please contact the relevant staff as noted below. Phone numbers are as follows (area code 202 for all numbers, unless otherwise noted):

Don Barnes	564-4533	Priscilla Tillery-Gadson	564-4533
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Robert Flaak	564-4546	Dorothy Clark	564-4533
Sam Rondberg	(301) 812-2560	Diana Pozun	564-4533
Angela Nugent	564-4562	Wanda Fields	564-4533
Stephanie Sanzone	564-4561	Betty Fortune	564-4533
Kathleen Conway	564-4559		
Jack Kooyoomjian	564-4557 (on detail from the SAB until Sept 2000))		
Tom Miller	564-4558		
Melanie Medina-Ortiz	564-5987 (on detail to the SAB until Sept 2000)		

Fax for all Committee Operations Staff is: (202) 501-0582

Internet/e-mail for all EPA staff is: LASTNAME.FIRSTNAME@EPA.GOV (Exception is Sam Rondberg whose e-mail is: SAMUEL717@AOL.COM).

2.5 Current Staffing Alignments:

Executive Committee	Don Barnes	Priscilla Tillery-Gadson & Betty Fortune
CASAC	Robert Flaak	Diana Pozun
COUNCIL	Angela Nugent	Diana Pozun
DWC	Tom Miller	Dorothy Clark
EEAC	Tom Miller	Dorothy Clark
EEC	Kathleen Conway	Mary Winston
EHC	Sam Rondberg	Wanda Fields
EPEC	Stephanie Sanzone	Mary Winston
IHEC	Sam Rondberg	Wanda Fields
RAC	Melanie Medina-Ortiz	Diana Pozun
RSAC	Jack Fowle	Wanda Fields
ad hoc EC Subcommittees	-- Varies with issue and scheduling --	